Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages

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Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan areas:			
Atlanta-Sandy Springs-Marietta			
Less than a high school diploma	56.8 68.9 77.9 81.6	51.1 63.8 72.4 78.9	10.1 7.4 7.2 3.3
Austin-Round Rock			
Less than a high school diploma	63.2 73.5 71.0 78.0	58.8 70.6 68.8 75.8	7.1 3.9 3.1 2.8
Baltimore-Towson			
Less than a high school diploma	39.5 66.4 72.5 78.7	34.2 63.9 69.9 77.4	13.3 3.7 3.6 1.7
Birminham-Hoover			
High school graduates, no college	60.3 76.6 75.2	57.3 73.6 74.3	4.9 3.9 1.3
Boston-Cambridge-Quincy			
Less than a high school diploma	43.9 62.3 72.3 78.8	41.3 57.4 70.0 76.5	6.0 7.9 3.3 3.0
Bridgeport-Stamford-Norwalk			
Less than a high school diploma	50.8 60.3 76.6 75.5	44.3 55.1 71.0 73.2	12.9 8.7 7.3 3.0
Buffalo-Niagara Falls			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	50.7 70.3 78.4	46.0 66.8 76.7	9.2 4.9 2.1
Charlotte-Gastonia-Concord			
Less than a high school diploma	59.6 64.1 76.8 81.3	50.8 57.8 73.2 77.5	14.7 9.9 4.7 4.7
Chicago-Naperville-Joliet			
Less than a high school diploma	51.6 61.9 73.0 79.8	46.3 58.4 68.7 77.7	10.2 5.8 6.0 2.6
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Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan areas:			
Cincinnati-Middletown			
Less than a high school diploma	48.1 64.5 74.6 82.6	42.8 61.3 72.0 81.1	11.0 4.9 3.6 1.8
Cleveland-Elyria-Mentor			
Less than a high school diploma	44.0 59.0 70.9 80.9	38.5 55.7 68.1 79.2	12.3 5.5 4.0 2.1
Columbus			
Less than a high school diploma	54.8 69.8 77.8 84.5	48.3 65.4 73.9 81.8	11.9 6.3 5.1 3.2
Dallas-Fort Worth-Arlington			
Less than a high school diploma	61.8 70.4 75.2 78.8	57.7 67.4 72.7 77.6	6.8 4.2 3.3 1.5
Dayton			
Less than a high school diploma	39.2 62.5 70.0 74.9	30.4 57.2 64.7 72.5	22.4 8.4 7.5 3.2
Denver-Aurora			
Less than a high school diploma	61.6 69.9 76.5 80.3	57.0 67.6 73.6 77.7	7.4 3.3 3.7 3.1
Detroit-Warren-Livonia			
Less than a high school diploma	33.6 55.6 69.7 74.9	28.9 49.9 64.7 71.9	13.9 10.2 7.2 4.0
Hartford-west Hartford-East Hardford			
High school graduates, no college	66.9 70.7 81.2	63.6 67.9 79.1	4.9 3.9 2.6
Honolulu			
High school graduates, no college	59.0 72.0 76.6	57.4 70.1 75.3	2.7 2.6 1.7

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan areas:			
Houston-Sugar Land-Baytown			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	55.3 65.4 71.1 77.1	50.5 61.8 68.4 75.6	8.7 5.6 3.8 1.9
Indianapolis-Carmel			
Less than a high school diploma	48.9 61.2 72.0 80.4	44.0 57.8 69.0 79.1	10.0 5.7 4.1 1.6
Jacksonville			
High school graduates, no college	62.1 68.4 71.2	59.2 64.8 68.0	4.8 5.2 4.5
Kansas City			
Less than a high school diploma	51.5 65.2 74.8 81.3	47.1 60.8 72.6 79.7	8.7 6.7 3.0 2.0
Las Vegas-Paradise			
Less than a high school diploma	66.3 70.3 72.7 75.1	59.0 66.2 69.4 72.9	11.0 5.9 4.6 3.0
Los Angeles-Long Beach-Santa Ana			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	57.4 63.9 71.0 78.3	52.2 59.6 66.5 75.7	9.1 6.7 6.4 3.4
Louisville-Jefferson County			
Less than a high school diploma	38.9 57.8 72.1 78.9	33.9 53.3 69.1 77.6	12.9 7.7 4.1 1.6
Memphis			
Less than a high school diploma	44.5 64.2 74.5 79.2	38.2 58.6 70.5 78.5	14.1 8.8 5.3 .9
Miami-Fort Lauderdale-Pompano Beach			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	47.3 61.9 73.7 73.2	43.2 58.8 70.4 70.5	8.7 4.9 4.5 3.7

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan areas:			
Milwaukee-Waukesha-West Allis			
Less than a high school diploma	40.6 65.1 73.9 80.2	37.2 62.4 70.8 77.7	8.5 4.1 4.2 3.1
Minneapolis-St. Paul-Bloomington			
Less than a high school diploma	42.3 63.0 76.2 80.2	37.5 59.3 71.6 77.6	11.3 5.9 6.0 3.2
Nashville-DavidsonMurfreesboroFranklin			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	46.0 64.4 78.1 80.0	41.4 59.9 76.3 78.5	10.1 6.9 2.3 2.0
New Orleans-Metairie-Kenner			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	58.3 71.3 78.8	54.9 68.5 78.0	5.9 3.9 1.1
New York-Northern New Jersey-Long Island			
Less than a high school diploma	44.0 59.7 71.7 78.9	41.0 56.4 68.3 76.7	6.8 5.6 4.7 2.8
Oklahoma City			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	61.7 67.1 74.2	60.0 64.9 73.2	2.7 3.2 1.3
Orlando-Kissimmee			
Less than a high school diploma	49.2 66.6 73.6 81.3	44.1 62.6 69.8 78.0	10.4 5.9 5.2 4.1
Philadelphia-Camden-Wilmington			
Less than a high school diploma	37.9 61.6 72.4 79.2	34.1 58.8 68.9 77.1	10.0 4.6 4.8 2.7
Phoenix-Mesa-Scottsdale			
Less than a high school diploma	58.6 64.1 71.9 76.8	54.8 60.7 69.0 75.4	6.5 5.3 3.9 1.8

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Metropolitan areas: Pittsburgh High school graduates, no college	4.8 4.4 1.6
Pittsburgh High school graduates, no college	4.4 1.6 1.6
High school graduates, no college	4.4 1.6 1.6
Some college or associate degree	4.4 1.6 1.6
Data degree and nighter	-
Portland-Vancouver-Beaverton	-
High school graduates, no college	7.6 4.9 2.9
Providence-Fall River-Warwick	
High school graduates, no college	4.0 7.8 6.5 2.5
Richmond	
Some college or associate degree	3.2 2.5 1.9
Riverside-San Bernardino-Ontario	
High school graduates, no college	0.7 8.6 6.2 2.9
Rochester	
Some college or associate degree	5.0 4.0 1.5
SacramentoArden-ArcadeRoseville	
High school graduates, no college	4.0 0.7 6.0 2.3
Salt Lake City	
High school graduates, no college	3.5 3.5 3.3 2.0
San Antonio	
High school graduates, no college	6.6 4.8 3.2 1.9

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan areas:			
San Diego-Carlsbad-San Marcos			
Less than a high school diploma	52.1 58.2 68.1 79.2	48.3 56.1 65.3 75.8	7.3 3.7 4.1 4.2
San Francisco-Oakland-Fremont			
Less than a high school diploma	55.0 66.0 69.2 78.4	51.8 61.4 66.5 76.3	5.9 6.9 3.9 2.7
San Jose-Sunnyvale-Santa Clara			
Less than a high school diploma	43.2 64.7 76.9 77.7	39.6 59.6 73.7 74.2	8.4 7.9 4.2 4.5
Seattle-Tacoma-Bellevue			
Less than a high school diploma	55.2 65.1 72.5 79.3	51.4 62.8 70.3 76.7	6.8 3.5 3.1 3.2
St. Louis ¹			
Less than a high school diploma	41.7 65.6 74.9 81.2	34.7 60.7 70.7 78.7	16.8 7.5 5.6 3.1
Tampa-St. Petersburg-Clearwater			
Less than a high school diploma	45.3 60.2 71.0 72.2	41.0 56.1 68.7 69.6	9.7 6.9 3.4 3.6
Tulsa			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	60.2 75.8 84.4	58.1 73.0 82.9	3.5 3.6 1.7
Virginia Beach-Norfolk-Newport News			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	66.1 75.9 83.8	63.0 73.7 81.1	4.7 2.9 3.3
Washington-Arlington-Alexandria			
Less than a high school diploma	58.2 70.3 75.9 82.3	54.8 68.0 73.3 80.6	5.9 3.2 3.5 2.1

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan divisions:			
Bethesda-Frederick-Rockville			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	70.2 69.8 79.0	69.5 67.1 77.2	1.0 3.9 2.2
Boston-Cambridge-Quincy			
Less than a high school diploma	38.6 57.1 69.1 78.1	36.9 52.1 66.8 75.6	4.4 8.7 3.2 3.1
Camden			
High school graduates, no college	64.3 70.8 75.8	61.0 66.0 74.8	5.2 6.8 1.4
Chicago-Naperville-Joliet			
Less than a high school diploma	50.3 62.7 73.4 80.3	44.6 59.2 68.9 78.1	11.2 5.6 6.1 2.7
Dallas-Plano-Irving			
Less than a high school diploma	60.6 69.0 74.9 78.9	56.3 65.8 72.0 77.6	7.1 4.6 3.9 1.6
Detroit-Livonia-Dearborn			
Less than a high school diploma	32.2 57.3 66.7 75.1	28.9 51.5 61.9 72.2	10.3 10.0 7.2 3.9
Edison-New Brunswick			
Less than a high school diploma	55.6 64.5 72.6 78.2	52.5 60.8 69.4 76.5	5.7 5.8 4.5 2.2
Fort Laudale-Pompano Beach- Deerfield Beach			
Less than a high school diploma	60.4 63.1 77.1 74.2	55.2 60.4 73.5 70.3	8.7 4.3 4.6 5.2
Fort Worth-Arlington			
Less than a high school diploma	64.6 72.9 75.7 78.6	60.7 70.3 73.9 77.6	6.1 3.5 2.4 1.3

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan divisions:			
Los Angeles-Long Beach-Glendale			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	56.9 65.2 70.2 79.4	51.6 60.6 65.0 76.3	9.3 7.0 7.4 3.8
Miami-Miami Beach-Kendall			
Less than a high school diploma	42.7 64.7 78.6 77.6	39.3 61.2 74.9 75.1	8.0 5.4 4.7 3.3
Nassau-Suffolk			
High school graduates, no college	59.6 71.6 76.2	57.2 69.6 74.4	4.0 2.8 2.4
New York-White Plains-Wayne			
Less than a high school diploma	41.5 58.4 71.7 79.1	38.6 55.0 67.9 77.0	7.1 5.7 5.3 2.7
Newark-Union			
Less than a high school diploma	48.5 61.5 70.6 82.3	45.7 57.3 67.2 78.9	5.8 6.9 4.8 4.2
Oakland-Fremont-Hayward			
Less than a high school diploma	59.1 66.6 70.7 77.8	54.7 62.0 67.5 76.2	7.5 7.0 4.5 2.1
Philadelphia			
Less than a high school diploma	37.0 60.7 72.3 80.2	33.3 58.1 69.3 77.7	10.1 4.2 4.1 3.1
San francisco-San Mateo-Redwood City			
High school graduates, no college	64.6 67.0 79.0	60.2 65.0 76.3	6.7 3.0 3.3
Santa Ana-Anaheim-Irvine			
Less than a high school diploma	59.8 59.0 73.2 75.9	54.8 55.9 70.3 74.2	8.4 5.2 3.8 2.3
Seattle-Bellevue-Everett			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	64.6 72.0 80.5	61.9 70.0 77.8	4.2 2.7 3.3

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Metropolitan divisions:			
Warren-Troy-Farmington Hills			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	35.1 54.4 71.6 74.8	29.0 48.7 66.4 71.7	17.5 10.4 7.3 4.1
Washington-Arlington-Alexandria			
Less than a high school diploma	58.7 70.3 77.6 83.5	55.7 67.7 74.9 81.8	5.0 3.7 3.4 2.0
West Palm Beach-Boca Raton-Boynton Beach High school graduates, no college Some college or associate degree Bachelor's degree and higher	54.1 60.9 65.5	51.6 58.6 63.9	4.7 3.7 2.4
Cities:			
Atlanta City			
Bachelor's degree and higher	86.1	85.3	.9
Austin city			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	67.1 79.3 76.2 78.9	62.7 78.0 73.7 76.3	6.6 1.6 3.3 3.3
Baltimore city			
Less than a high school diploma	42.3 67.7 73.2 81.6	32.4 63.7 70.1 80.6	23.3 5.9 4.3 1.3
Boston city			
High school graduates, no college	51.5 68.4 78.2	44.6 66.4 74.3	13.5 2.9 5.0
Charlotte city			
Less than a high school diploma	70.3 69.6 77.5 84.4	57.2 63.0 72.8 80.3	18.6 9.5 6.1 4.9
Chicago city			
Less than a high school diploma	45.4 59.7 69.5 83.5	39.2 55.5 63.9 81.0	13.7 7.0 8.1 3.0
Cleveland city			
Less than a high school diploma	48.1 58.5 62.4 80.0	40.1 53.3 56.3 74.5	16.8 8.9 9.8 6.8

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Cities:			
Columbus city			
High school graduates, no college	67.3 75.6 86.2	62.9 71.8 81.2	6.5 5.0 5.8
Dallas city			
Less than a high school diploma	66.2 68.6 70.6 75.6	61.7 63.5 65.9 75.1	6.7 7.4 6.6 .6
Denver County/city			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	64.7 65.4 75.8 81.9	57.6 59.6 71.3 78.5	10.9 8.8 5.9 4.1
Detroit city			
Less than a high school diploma	38.2 50.1 61.9 71.7	34.4 43.0 55.9 68.2	10.0 14.1 9.6 4.9
Fort Worth city			
Less than a high school diploma High school graduates, no college Some college or associate degree Bachelor's degree and higher	68.8 71.7 79.4 85.0	63.7 68.9 76.4 84.2	7.4 3.9 3.8 1.0
Houston city			
Less than a high school diploma	55.3 61.5 64.7 75.4	50.7 57.2 60.8 73.3	8.2 7.0 6.1 2.8
Indianapolis (consolidated) city			
Less than a high school diploma	54.1 63.7 71.8 76.6	47.4 57.4 67.2 74.9	12.4 9.8 6.4 2.2
Jacksonville city			
High school graduates, no college	64.4 70.2 72.1	61.9 65.9 68.5	4.0 6.0 5.0
Kansas City city			
High school graduates, no college	58.8 68.7 82.0	52.5 67.2 80.9	10.6 2.1 1.3
Las Vegas city			
Less than a high school diploma	67.3 69.3 72.3 78.5	58.2 63.6 67.4 76.8	13.6 8.3 6.7 2.2

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Cities:			
Los Angles city			
Less than a high school diploma	63.1 68.1 68.6 79.0	57.1 63.7 62.9 75.1	9.4 6.5 8.3 4.9
Louisville-Jefferson County (consolidated) city			
High school graduates, no college	54.6 67.7 78.7	51.0 64.1 77.6	6.5 5.3 1.5
Memphis city			
High school graduates, no college	68.9 69.8 76.9	62.5 66.1 76.1	9.3 5.3 1.1
Miami city			
High school graduates, no college	53.6 72.3	48.8 70.8	8.9 2.1
Milwaukee city			
Less than a high school diploma	47.5 62.0 72.6 83.3	43.3 58.6 66.3 77.4	9.0 5.5 8.6 7.1
Minneapolis city			
High school graduates, no college Some college or associate degree Bachelor's degree and higher	64.3 82.7 87.7	60.3 73.6 84.2	6.2 11.0 4.0
Nashville-Davidson (consolidated) city			
High school graduates, no college	69.6 80.8 82.2	61.7 79.6 81.4	11.3 1.5 1.0
New York city			
Less than a high school diploma	40.4 57.1 70.8 79.3	37.3 54.0 67.0 76.8	7.6 5.4 5.4 3.1
Oakland city			
Some college or associate degree Bachelor's degree and higher	67.9 79.9	65.6 78.3	3.3 2.0
Oklahoma City city			
High school graduates, no college	57.5 68.0 80.2	55.0 65.0 79.0	4.4 4.4 1.5
Philadelphia County/city			
Less than a high school diploma	35.5 59.3 68.9 75.1	32.1 56.6 65.8 73.1	9.7 4.7 4.6 2.7

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Cities:			
Phoenix city			
Less than a high school diploma	57.9 68.9 76.6 84.7	54.0 64.5 74.2 82.5	6.8 6.4 3.2 2.6
Portland city			
High school graduates, no college	63.6 74.7 83.7	57.1 69.2 80.6	10.3 7.3 3.7
Sacramento city			
High school graduates, no college	51.5 72.5 78.2	47.2 68.3 76.8	8.4 5.8 1.7
San Antonio city			
Less than a high school diploma	42.2 62.3 71.4 80.9	38.7 58.5 68.7 79.4	8.5 6.1 3.9 1.9
San Diego city			
Less than a high school diploma	51.9 65.2 72.0 83.0	47.2 63.2 69.8 80.2	9.0 3.1 3.1 3.4
San Francisco County/city			
Some college or associate degreeBachelor's degree and higher	67.6 84.6	64.7 81.4	4.3 3.8
San Jose city			
Less than a high school diploma	44.5 66.7 76.8 75.0	39.5 60.4 72.5 70.1	11.1 9.4 5.6 6.5
Seattle city			
Some college or associate degree	72.8 82.6	72.8 79.2	(²) 4.1
St. Louis city			
High school graduates, no college	56.2 68.0 83.1	44.3 63.9 78.9	21.3 6.0 5.1
Tulsa city			
Some college or associate degree	76.6 85.4	72.9 83.1	4.8 2.8
Virginia Beach city			
Some college or associate degreeBachelor's degree and higher	81.6 85.7	78.8 82.7	3.5 3.5

Table 28. Selected metropolitan areas, metropolitan divisions, and cities: civilian labor force participation rates, employment-population ratios, and unemployment rates for the noninstitutional population 25 years and over, by educational attainment, 2008 annual averages—Continued

Area type, title, and educational attainment	Civilian labor force participation rate	Employment- population ratio	Unemployment rate
Cities:			
Washington city			
Less than a high school diploma		39.7 53.8 64.3 80.5	12.9 9.7 6.1 3.1

Data do not reflect the official U.S. Office of Management and Budget definition. (See appendix C.)
 Less than 0.05 percent.

NOTE: Data are not shown when the labor force base does not meet the BLS publication standard of reliability for the area in question, as determined by the sample size. (See appendix B.)